Secure Coding Review

Manual Code Review:

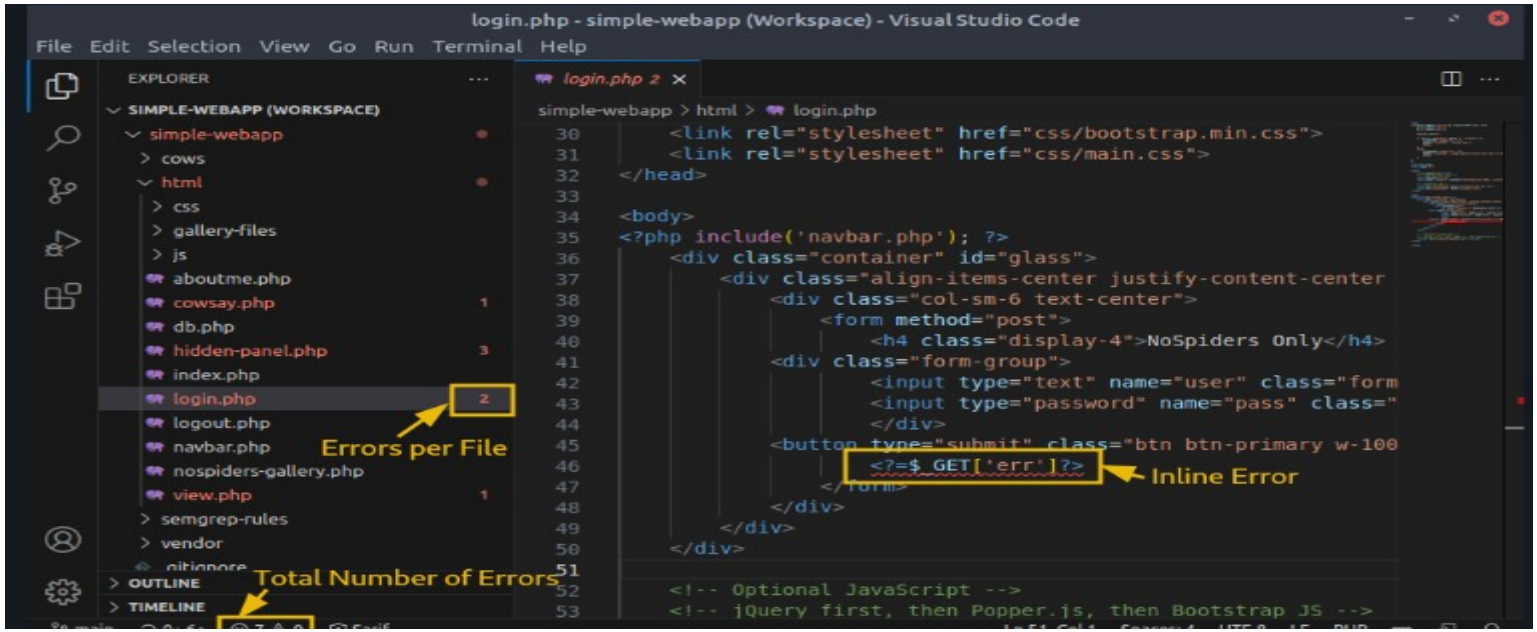
Here we can see that `mysqli_query()` is wrapped into the `db_query()` function, and that the `$query` parameter is passed directly without modification.
It is very common for functions to be nested into other functions, so simply analysing the local context of a function is sometimes not enough to determine if a vulnerability is present. We now need to trace the uses of the `db_query()` function throughout our code to identify potential vulnerabilities.

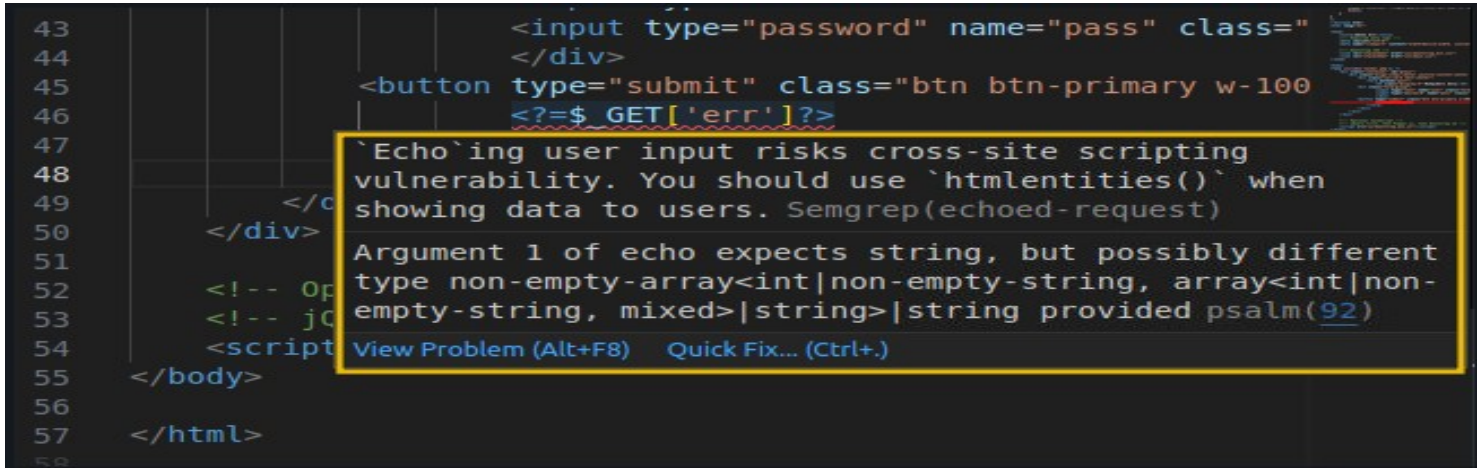
```php
$sql = "SELECT id, firstname, lastname FROM MyGuests WHERE
id=".$_GET['guest_id'];
$result = db_query($conn, $sql);
```

Here’s a SQL injection! Whatever is passed in the `guest_id` parameter via the GET method will be concatenated to a raw SQL query without any input sanitisation, enabling the attacker to change the query.

You Can Use A Plugin To Secure Your Code:

Psalm: Is a tool supports IDE, will check anything you type in real-time and show you the alerts





Thank You